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Features

☐ 1: AAD13190. NAD-dependent DNA...[gi:4235374]

BLink, Domains, Links

LOCUS AAD13190 557 aa linear BCT 08-FEB-1999

DEFINITION NAD-dependent DNA ligase [Thermus thermophilus].

ACCESSION AAD13190

VERSION AAD13190.1 GI:4235374

DBSOURCE locus AF092864 accession AF092864.1

KEYWORDS

SOURCE Thermus thermophilus

ORGANISM Thermus thermophilus

Bacteria; Deinococcus-Thermus; Deinococci; Thermales; Thermaceae; Thermus.

REFERENCE 1 (residues 1 to 557)

AUTHORS Tong, J., Cao, W. and Barany, F.

TITLE Biochemical properties of a high fidelity DNA ligase from Thermus species AK16D

JOURNAL Nucleic Acids Res. 27 (3), 788-794 (1999)

MEDLINE 99108143

PUBMED 9889274

REFERENCE 2 (residues 1 to 557)

AUTHORS Tong, J., Cao, W. and Barany, F.

TITLE Direct Submission

JOURNAL Submitted (18-SEP-1998) Microbiology, The Joan and Sanford I. Weill Medical College of Cornell University, 1300 York Avenue, Box 62, New York, NY 10021, USA

COMMENT Method: conceptual translation supplied by author.

FEATURES

source

Location/Qualifiers

1..557

/organism="Thermus thermophilus"

/db\_xref="taxon:274"

Protein

&lt;1..&gt;557

/product="NAD-dependent DNA ligase"

CDS

1..557

/coded\_by="AF092864.1:&lt;1..&gt;1671"

/transl\_table=11

ORIGIN

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121 evrgevypv eafrlrneel eergarifkn prnaaagslr qkdpritakr glratfyalg
181 lgleevereg vatqfallhw lkeksfpveh gyaravgaeg veavyqdwk krralpfead
241 gvvvkl dela lwrelgytar aprfaiaykf paeeketrll dvafqvgrtg rvtvpvgilep
301 vflegsevsr vtlhnesyie eldirigdwv lvhkaggvip evlrvlkerr tgeerpirwp
361 etcpecghrl lkegkvhrpc nplcpakrfe airhfpsrka mdiqglgekl ierllekgly
421 kdvdadlyrlr kedlvglerm geksaqnllr qieeskrgrl erllyalglp gvgevlarnl
481 aarfgnmdrl leasleelle veevgeltar ailetldkpa frdlvrrlke agvemeakek
541 ggealkgltf vitgels

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